Australasian Language Technology Association Workshop 2012

(ALTA 2012)

Dunedin, New Zealand 4 – 6 December 2012

Editors:

Paul Cook Scott Nowson

ISBN: 978-1-62748-403-9

ISSN: 1834-7037

Printed from e-media with permission by:

Curran Associates, Inc. 57 Morehouse Lane Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2012) by the Association for Computational Linguistics All rights reserved.

Printed by Curran Associates, Inc. (2013)

For permission requests, please contact the Association for Computational Linguistics at the address below.

Association for Computational Linguistics 209 N. Eighth Street Stroudsburg, Pennsylvania 18360

Phone: 1-570-476-8006 Fax: 1-570-476-0860

acl@aclweb.org

Additional copies of this publication are available from:

Curran Associates, Inc. 57 Morehouse Lane Red Hook, NY 12571 USA

Phone: 845-758-0400 Fax: 845-758-2634

Email: curran@proceedings.com Web: www.proceedings.com

Contents

Invited talks	1
Using a large annotated historical corpus to study word-specific effects in sound change Jennifer Hay	2
Diverse Words, Shared Meanings: Statistical Machine Translation for Paraphrase, Grounding, and Intent Chris Brockett	- 3
Full papers	4
A Citation Centric Annotation Scheme for Scientific Articles Angrosh M.A., Stephen Cranefield and Nigel Stanger	5
Semantic Judgement of Medical Concepts: Combining Syntagmatic and Paradigmatic Information with the Tensor Encoding Model Michael Symonds, Guido Zuccon, Bevan Koopman, Peter Bruza and Anthony Nguyen	
Active Learning and the Irish Treebank Teresa Lynn, Jennifer Foster, Mark Dras and Elaine Uí Dhonnchadha	23
Unsupervised Estimation of Word Usage Similarity Marco Lui, Timothy Baldwin and Diana McCarthy	33
Valence Shifting: Is It A Valid Task? Mary Gardiner and Mark Dras	42
Experimental Evaluation of a Lexicon- and Corpus-based Ensemble for Multi-way Sentiment Analysis Minh Duc Cao and Ingrid Zukerman	t 52
Segmentation and Translation of Japanese Multi-word Loanwords James Breen, Timothy Baldwin and Francis Bond	61
Measurement of Progress in Machine Translation Yvette Graham, Timothy Baldwin, Aaron Harwood, Alistair Moffat and Justin Zobel	l 70
Towards Two-step Multi-document Summarisation for Evidence Based Medicine: A Quantitative Analysis Abeed Sarker, Diego Mollá-Aliod and Cecile Paris	- 7 9
In Your Eyes: Identifying Clichés in Song Lyrics Alex G. Smith, Christopher X. S. Zee and Alexandra L. Uitdenbogerd	88
Free-text input vs menu selection: exploring the difference with a tutorial dialogue system. Jenny Mcdonald, Alistair Knott and Richard Zeng	97
Short papers	106

langid.py for better language modelling Paul Cook and Marco Lui	107
LaBB-CAT: an Annotation Store Robert Fromont and Jennifer Hay	113
Classification of Study Region in Environmental Science Abstracts Jared Willett, Timothy Baldwin, David Martinez and Angus Webb	118
ALTA Shared Task papers	123
Overview of the ALTA 2012 Shared Task Iman Amini, David Martinez and Diego Molla	124
Automatic sentence classifier using sentence ordering features for Event Based Medicine Shared task system description Spandana Gella and Duong Thanh Long	e: 130
Feature Stacking for Sentence Classification in Evidence-Based Medicine Marco Lui	134
Experiments with Clustering-based Features for Sentence Classification in Medical Publications: Macquarie Test's participation in the ALTA 2012 shared task. Diego Mollá	a- 139